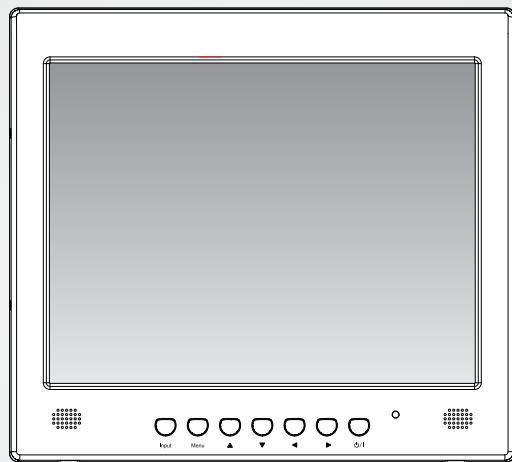


# USER MANUAL

## 9.7-INCH VALUE LED CCTV MONITOR



Please read this manual thoroughly before use,  
and keep it handy for future reference.

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This Monitor was  
Manufactured by ISO 9001  
Certified Factory


**SAFETY INSTRUCTION**


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### **Important Safety Instruction**

1. Read these instructions.
2. Keep these Instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug.  
A polarized plug has two blades with one wider than the other.  
A grounding type plug has two blades and a third grounding prong.  
The wide blade or the third prong are provided for your safety.  
If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
11. Only use attachment/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus the apparatus has been exposed to rain or moisture does not operate normally or has been dropped.

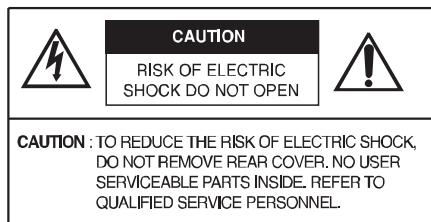


## SAFETY INSTRUCTION

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed no the apparatus.
- Minimum distances(e.g. 10cm) around the apparatus for sufficient ventilation.

"WARNING - To reduce the risk of fire or electric shock, do not expose the apparatus to rain or moisture."

"The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus."



This symbol is intended to alert the user to the presence of uninsulated : dangerous voltage with in the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance.

## SAFETY INSTRUCTION

## CAUTIONS

### CAUTION

The power supply cord is used as the main disconnect device, ensure that the socket-outlet is located/installed near the equipment and is easily accessible.

### ATTENTIONN

Le cordon d'alimentation est utilisé comme interrupteur général. La prise de courant doit être située ou installée à proximité du matériel et être facile d'accès

### CAUTION TO SERVICE PERSONNEL

POWER SUPPLY CORD IS USED AS MAIN POWER DISCONNECT DEVICE IN THIS PRODUCT. UNPLUG THIS PRODUCT FROM THE WALL OUTLET BEFORE REMOVING THE BACK COVER AND SERVICING

### EMISSION CHARACTERISTICS TESTED BY SEMKO

THIS PRODUCT HAS BEEN TESTED AND HAS SHOWN COMPLIANCE WITH THE NATIONAL SPECIFICATIONS SUCH AS SWEDISH MPR 1990.10(MPRII)

#### ► NEVER REMOVE THE BACK COVER

Removal of the back cover should be carried out only by qualified personnel.

#### ► DO NOT USE IN HOSTILE ENVIRONMENTS

To prevent shock or fire hazard, do not expose the unit to rain or moisture. This unit is designed to be used in the office or home. Do not subject the unit to vibrations, dust or corrosive gases.

#### ► KEEP IN A WELL VENTILATED PLACE

Ventilation holes are provided on the cabinet to prevent the temperature from rising. Do not cover the unit or place anything on the top of unit.

#### ► AVOID HEAT

Avoid placing the unit in direct sunshine or near a heating appliance.

#### ► TO ELIMINATE EYE FATIGUE

Do not use the unit against a bright background and where sunlight or other light sources will shine directly on the monitor.

#### ► BE CAREFUL OF HEAVY OBJECT

Neither the monitor itself nor any other heavy object should rest on the power cord. Damage to a power cord can cause fire or electrical shock.

## FCC RF INTERFERENCE STATEMENT

### NOTE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technician for help.
- Only shielded interface cable should be used.

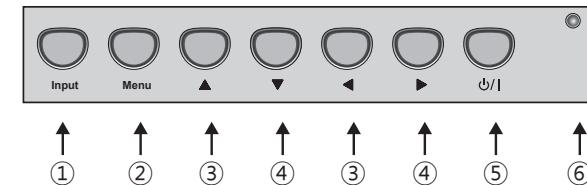
Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment.

### ► DOC COMPLIANCE NOTICE

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the radio interference regulation of Canadian Department of communications.

## CONNECTING WITH EXTERNAL EQUIPMENT

### A. FRONT



#### 1. INPUT

Selects AV or HDMI inputs.  
Selects an option in the OSD.

#### 2. MENU

Activates or exits the OSD.  
Moves previous menu or status in the OSD.

#### 3, 4. ▲, ▲ / ▼, ▶

Moves another option in the OSD.

#### 5. Ⓜ/I (POWER ON/OFF)

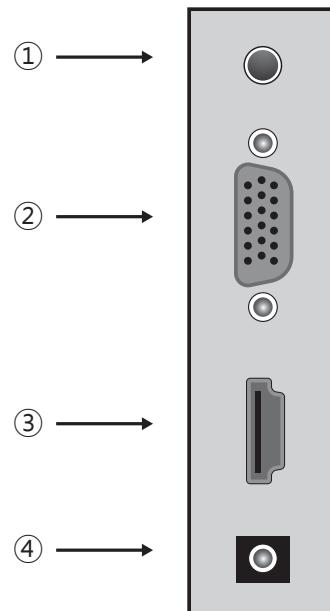
Turns the power on or off. There will be a few seconds delay before the display appears.

#### 6. POWER LED

Turned on with VGA or AV signals : Green color.  
Turned on with no signal : 1) AV mode: Green color  
2) VGA(PC) mode: Blinking green color.  
Turned off : LED off.


**CONTROLS AND FUNCTIONS**


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**B. BACK****1. AUDIO IN****2. VGA****3. HDMI****4. DC 12V**

**CONTROLS AND FUNCTIONS**

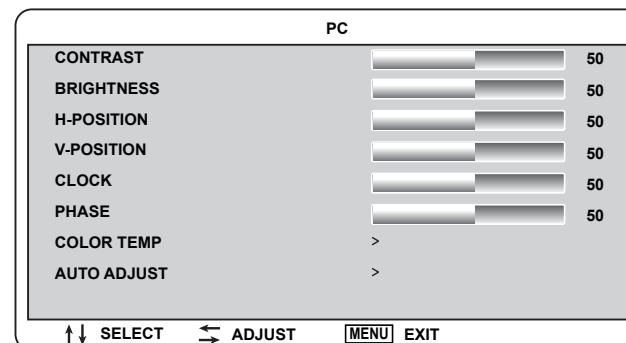

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**► PC Menu Description**

All picture, sound settings and setup for the monitor can be adjusted in the OSD menu.  
(On Screen Display)

To adjust the OSD screen:

1. Press the MENU button to enter the OSD menu.
2. Press the **▲, ▲ / ▼, ▶** buttons to select the desired option. The selected option is highlighted.
3. Press the INPUT button to enter the submenu for adjusting items.
4. Change the value you wish to adjust by using the **▲, ▲ / ▼, ▶** buttons.
5. Press the MENU button to exit the submenu for adjusting items.
6. Press the MENU button to exit the OSD menu.

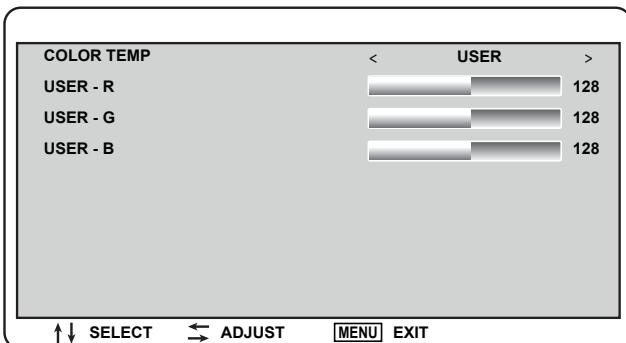
**► PC (Only PC Mode)**

CONTRAST	Adjusts intensity of the image.	0~100
BRIGHTNESS	Adjusts brightness of the screen.	0~100
H-POSITION	Move OSD horizontally on screen right or left.	0~100
V-POSITION	Move OSD vertically on screen up or down.	0~100
CLOCK	Adjusts the vertical noise of screen image.	0~100
PHASE	Adjusts the number of horizontal picture elements.	0~100
COLOR TEMP	Select the color temp of picture	See the table on Next page
AUTO ADJUST	Selects the type of auto adjustment.	-

## CONTROLS AND FUNCTIONS

### ► COLOR TEMP Menu Description

1. Press the MENU button to enter the OSD menu.
2. Press the ▲, ▲ / ▼, ▶ buttons to select the desired option. The selected option is highlighted.
3. Press the INPUT button to enter the submenu for adjusting items.
4. Change the value you wish to adjust by using the ▲, ▲ / ▼, ▶ buttons.
5. Press the MENU button to exit the submenu for adjusting items.
6. Press the MENU button to exit the OSD menu.

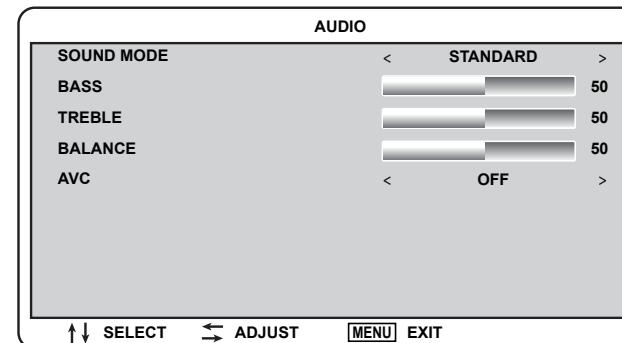


NORMAL	Gives the white color a neutral tint.	-
WARM	Gives the white color a reddish tint.	-
COLD	Gives the white color a bluish tint.	-
USER	To manually adjust the color tones	Red, Green,Blue

## CONTROLS AND FUNCTIONS

### ► AUDIO Menu Description

1. Press the MENU button to enter the OSD menu.
2. Press the ▲, ▲ / ▼, ▶ buttons to select the desired option. The selected option is highlighted.
3. Press the INPUT button to enter the submenu for adjusting items.
4. Change the value you wish to adjust by using the ▲, ▲ / ▼, ▶ buttons.
5. Press the MENU button to exit the submenu for adjusting items.
6. Press the MENU button to exit the OSD menu.

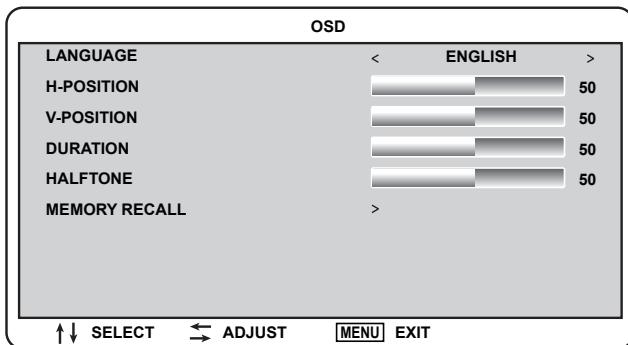


SOUND MODE	Sets the sound mode.	STANDARD/MOVIE/MUSIC/USER
BASS	Adjusts bass of the sound.	0~100
TREBLE	Adjusts treble of the sound.	0~100
BALANCE	Adjusts balance of the sound.	0~100
AVC	Set the Auto volume control.	ON/OFF

## CONTROLS AND FUNCTIONS

### ► OSD Menu Description

1. Press the MENU button to enter the OSD menu.
2. Press the ▲, ▼ / ▶, ▷ buttons to select the desired option. The selected option is highlighted.
3. Press the INPUT button to enter the submenu for adjusting items.
4. Change the value you wish to adjust by using the ▲, ▼ / ▶, ▷ buttons.
5. Press the MENU button to exit the submenu for adjusting items.
6. Press the MENU button to exit the OSD menu.

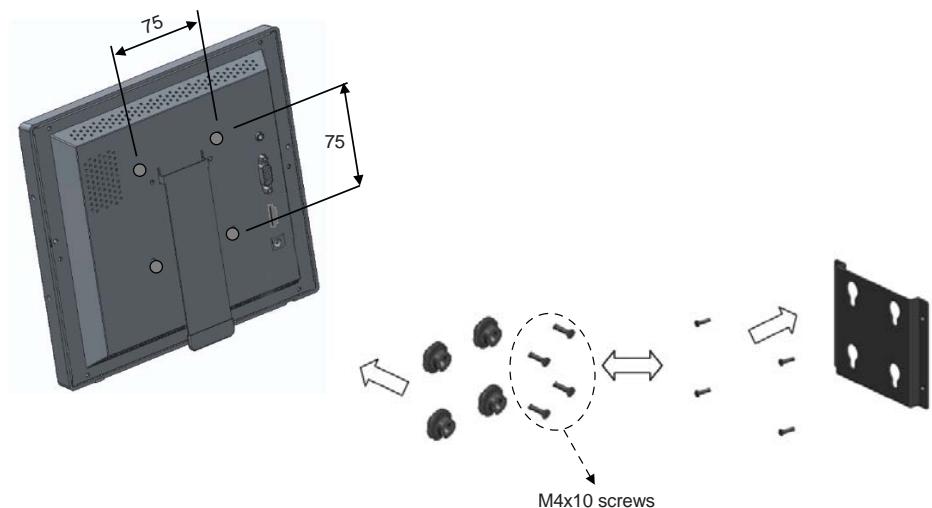


LANGUAGE	Sets the language of the OSD menu.	English / French / Spanish Portuguese / Japanese
H-POSITION	Move OSD horizontally on screen right or left.	0~100
V-POSITION	Move OSD vertically on screen up or down.	0~100
DURATION	Adjust OSD displaying time.	0~100
HALFTONE	Adjusts the halftone.	0~100
MEMORY RECALL	Resets the monitor settings to the factory default.	-

## MOUNTING GUIDE

### ► Wall mount (Option)

- 1) Using the 75 mm VESA holes.
- 2) Using the VESA standard wall mount design and the 75mm hole pattern on the back side to install the LED monitor to the wall.



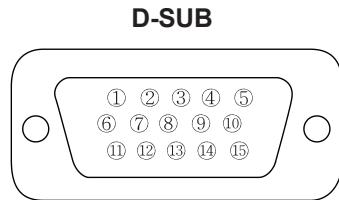
※ Attention!

You must use four M4x10 screws to assemble this monitor and the wall mount bracket.

## D-SUB CONNECTOR PIN ASSIGNMENTS

### ► PIN ASSIGNMENTS

Pin 1	RED VIDEO	9	
2	GREEN VIDEO	10	SIGNAL CABLE DETECT
3	BLUE VIDEO	11	GROUND
4	GROUND	12	SDA(for DDC)
5	GROUND	13	H-SYNC.(or H+V SYNC.)
6	RED GROUND	14	V-SYNC.
7	GREEN GROUND	15	CL(for DDC)
8	BLUE GROUND		



### ► ACCESSORY

1. Power adaptor
2. User's manual
3. Cable (PC or HDMI)
4. Trigger cable
5. Stereo cable (Option)
6. Wire Stand (Option)
7. Wall mount (Option)

## POWER MANAGEMENT

### ► Power Consumption

Mode	Power Consumption
Turned On	< 8.2W
Turned Off	< 0.5W

### ► LED Indicator

The power management feature of the monitor is comprised of three stages : Turned on (Green), No signal (AV mode : Green / VGA mode : Blinking green ) and Turned off (LED off).

Mode	LED	Monitor Operation
Turned On	Green	Normal Operation
No Signal   VGA(PC) mode	Blinking green	Not Operation
Turned Off	LED off	Not Operation


**SPECIFICATIONS**

<b>9.7"</b>	
LED-Type	9.7" Diagonal AM-TFT(Active-Matrix)
	Pixel pitch(mm) : 0.192(H) x 0.192(V)
	Brightness: 350cd/m <sup>2</sup> (Typical)
	Contrast Ratio: 600:1(Typical)
	Response Time: 35msec(Typical)
RESOLUTION (H x V)	1024x768 @60Hz
FREQUENCY	HORIZONTAL : 31~48KHz, VERTICAL : 56~60Hz
INPUT SIGNAL	HDMI IN
	VGA (RGB-PC)
	AUDIO IN
ACTIVE DISPLAY AREA (H x V)	196.608mm x 147.456mm
PACKING DIMENSIONS (W x D x H)	335mm x 280mm x 100mm (13.19" x 11.02" x 3.94")
WEIGHT	Net: 1.24kg (2.73 lbs)
	Gross: 2.4kg (5.29 lbs)
ELECTRICAL RATINGS	12V  0.68A (100-240V~, 50/60Hz)

►► NOTE : Technical specifications are subject to change without notice.


**TROUBLESHOOTING GUIDE**

TROUBLE	TROUBLESHOOTING TIP
No image on display screen	<ol style="list-style-type: none"> <li>Check that power cord of the Monitor have been connected securely into wall outlet or grounded extension cable or strip.</li> <li>Power switch should be in the ON position and LED is it.</li> <li>Check that the Brightness and or the contrast adjustments of the Display have not been turned down to minimum levels.</li> </ol>
"NO SIGNAL" message on screen	<ol style="list-style-type: none"> <li>The signal cable should be completely connected to the video card / computer.</li> <li>The video card should be completely seated in its slot and the computer is switched On.</li> </ol>
Display image is not centered, too small or too large in PC mode	Push the down key in front side
Vertical or Horizontal noise is present in the picture	Adjust clock and Phase in the OSD

**WEEE Symbols**

Correct Disposal of This Product  
(Waste Electrical & Electronic Equipment)  
(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.



## MEMO

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